

WHAT IS CLAIMED IS:

1. A brush holder device for use in a small-size motor including a brush arm connected at one end to an input terminal for external electrical connection and supporting at an opposite end a brush, comprising:

the brush including an integrally formed engagement portion;

a brush arm having an engagement hole formed therein, the engagement hole assuming substantially the same shape as that of the engagement portion of said brush, and including brush contact portions located at laterally opposite edges of the engagement hole; and

a holder having an engagement hole formed therein, the engagement hole assuming substantially the same shape as that of the engagement portion of said brush, and being fixedly attached to said brush arm such that the engagement hole is aligned with that of said brush arm;

wherein the engagement portion of said brush is press-fitted into the engagement holes of said holder and said brush arm, which are fixedly attached to each other, to thereby be fixed in place.

2. A brush holder device for use in a small-size motor according to claim 1, wherein brush contact portions are formed on said holder through bending along opposite edges of the engagement hole of said holder, the edges being opposite along a longitudinal direction of said brush arm.

3. A brush holder device for use in a small-size motor
according to claim 1, wherein said holder includes fins
formed through bending along opposite ends thereof, the ends
5 being opposite along a longitudinal direction of said brush
arm.

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